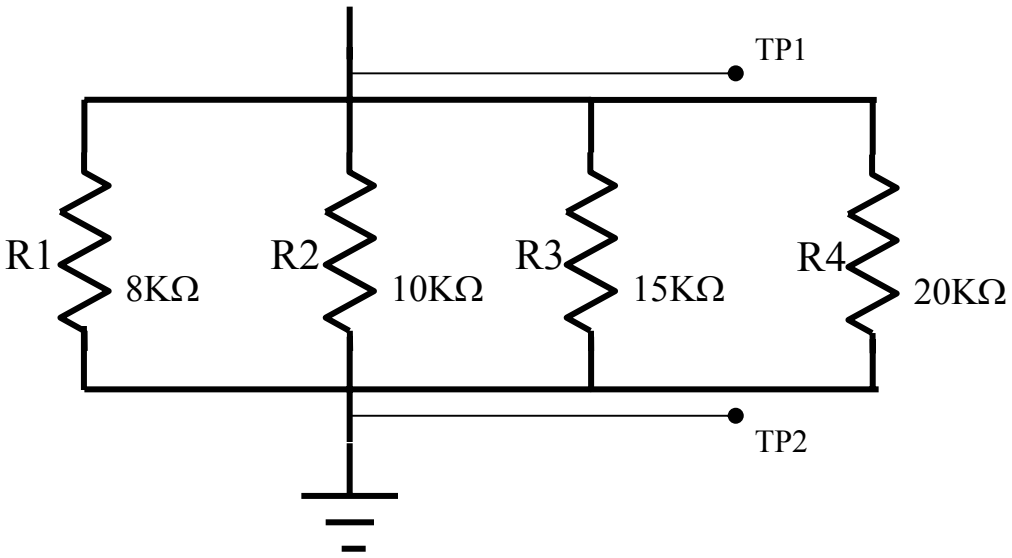
50VD



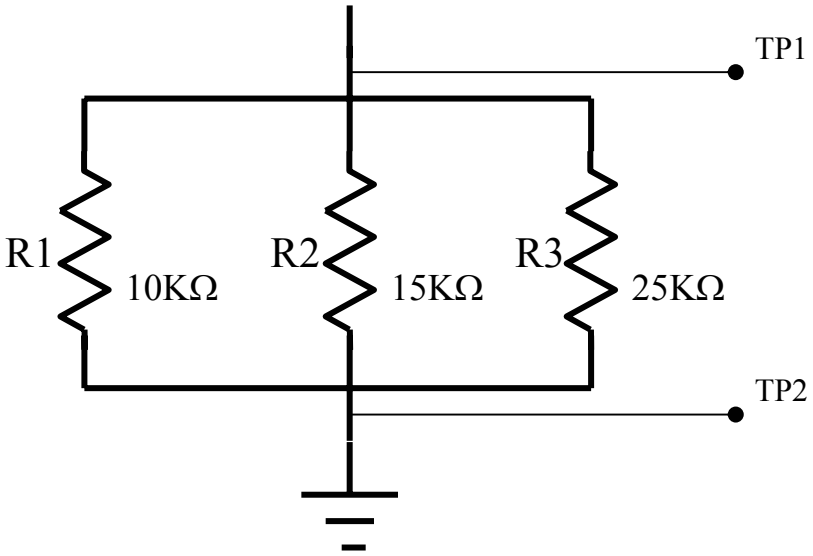
NORMAL		R4 OPEN	
REQ		REQ	
IT		IT	
IR1	ER1	IR1	ER1
IR2	ER2	IR2	ER2
IR3	ER3	IR3	ER3
IR4	ER4	IR4	ER4

IR1 = 0 IR2 = 0 IR3 = 0 IR4 = ↑ What is the malfunction?

REQ = 4.61 K Ω WHAT IS THE MALFUNCTION

How many volts will be measured across R1 if R3 were shorted?

How many volts will be measured across R1 if R3 were open?



NORMAL	R1 OPEN	R1 SHORT
REQ	REQ	REQ
IT	IT	IT
IR1	IR1	IR1
IR2	IR2	IR2
IR3	IR3	IR3
ER1	ER1	ER1

R3 IS OPEN. RT = _____ It = _____

R2 is short Er1 = _____ IR1 = _____

Any open in a circuit makes the resistance _____ and the current _____

REQ = 6KΩ What is the malfunction?

IT = 7 mA what is the malfunction?